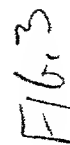


FIG. 1
(PRIOR ART)

| | 104 | | | | 106 | | | | 108 | | | | 200 | | | | 102 |
|--------------------|-----|-----|-------------------|------------------|-----|-----|----|------------------|-------------------|-----|-----|-----------------|-----|--|--|--|-----|
| | D0 | D1 | D2 | D3 | D4 | D5 | D6 | D7 | D8 | D9 | D10 | D11 | | | | | |
| A9 | A10 | A11 | A0 | A1 | A2 | A3 | | PAR A0- A3 | A5 | A6 | A7 | PAR A4 A7 | | | | | |
| PAR B0 B3 | B5 | B6 | PAR A8- A11 | A13 | A14 | A15 | | A4 | B0 | B1 | B2 | A8 | | | | | |
| B4 | | | A12 | PAR B4- B7 | B9 | B10 | | PAR A12- A15 | PAR B8- B11 | B13 | B14 | B3 | | | | | |
| PAR B12- B15 | | | B7 | B8 | | | | B11 | B12 | | | B15 | | | | | |

FIG. 2
(PRIOR ART)



T022T 4209660

466

408 410

320
←404

| Stripe Index | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk | Disk |
|--------------|----------|----------|----------|----------|---------|---------|--------|--------|--------|--------|--------|--------|------|------|------|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | |
| 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | |
| 3 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | |
| 4 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | | |
| 5 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | | | |
| 6 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | | | |
| 7 | P51-60 | S51-60 | P41-50 | S41-50 | P31-40 | S31-40 | P21-30 | S21-30 | P11-20 | S11-20 | P1-10 | S1-10 | | | |
| 8 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | S61-70 | P61-70 | | | |
| 9 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | S71-80 | P71-80 | 71 | 72 | | | |
| 10 | 85 | 86 | 87 | 88 | 89 | 90 | S81-90 | P81-90 | 81 | 82 | 83 | 84 | | | |
| 11 | 97 | 98 | 99 | 100 | S91-100 | P91-100 | 91 | 92 | 93 | 94 | 95 | 96 | | | |
| 12 | 109 | 110 | S101-110 | P101-110 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | | | |
| | S111-120 | P111-120 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | | | |

319

Fig. 4

402

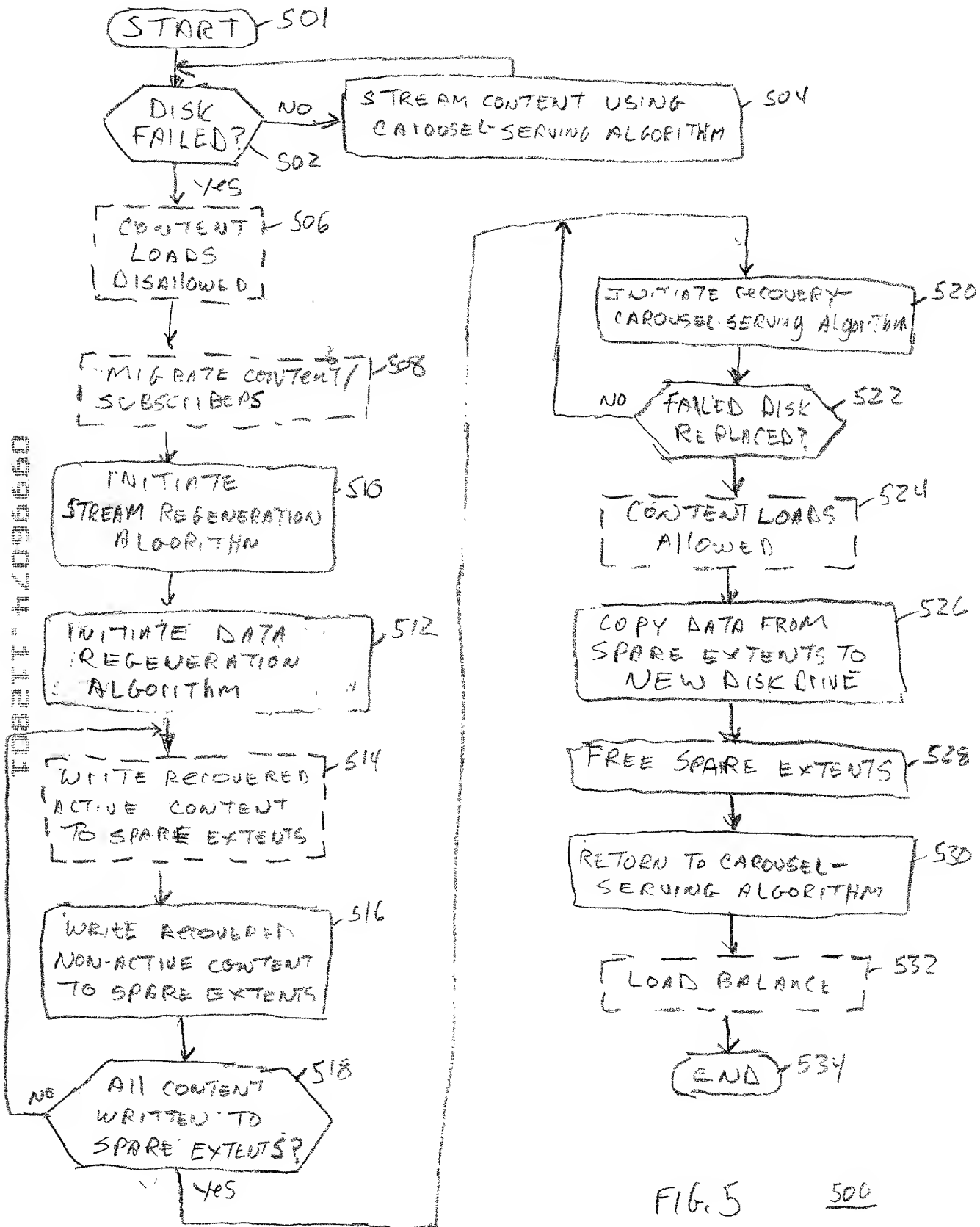
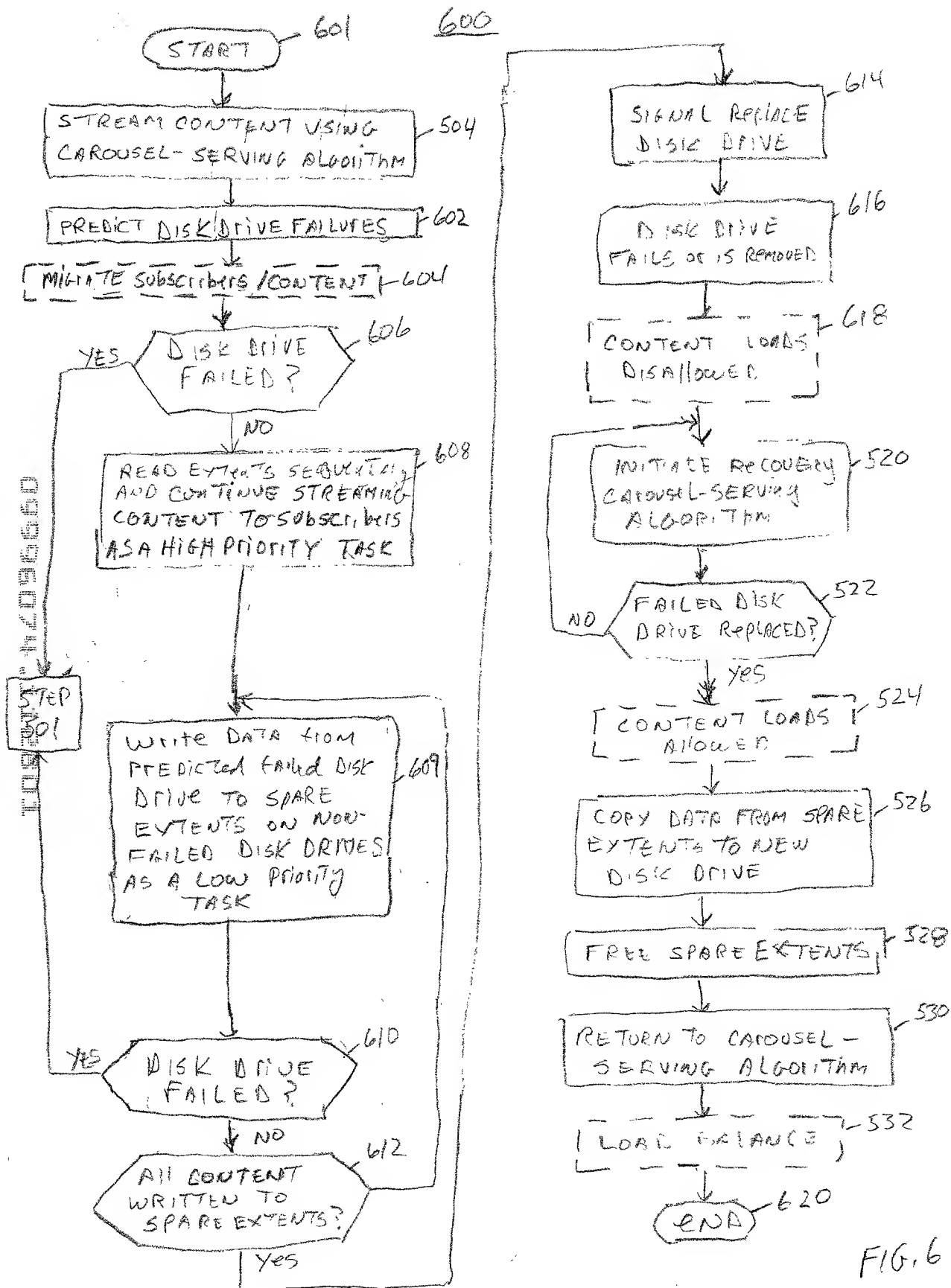
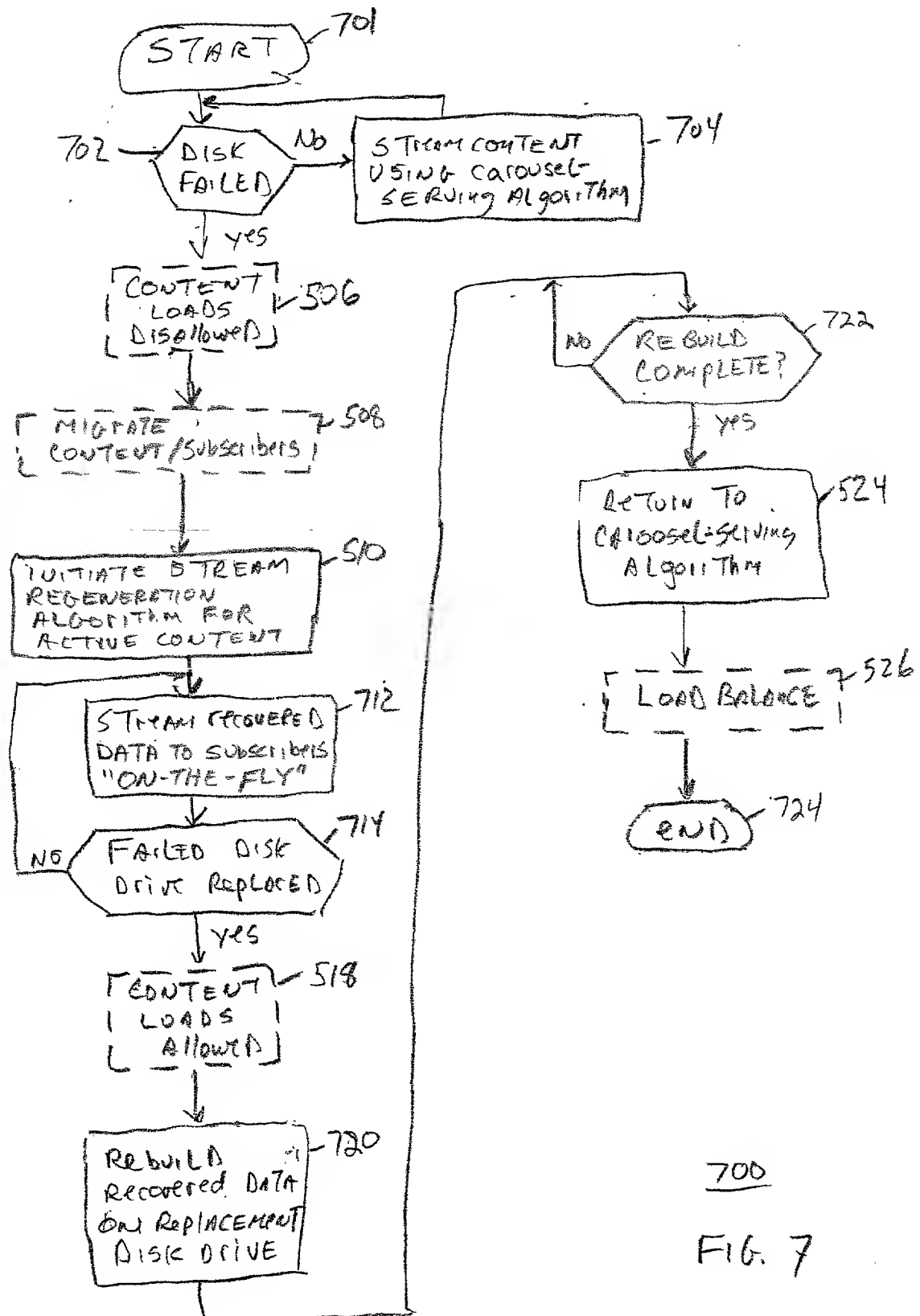


FIG. 5



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FIG. 7